

FIG. 1a

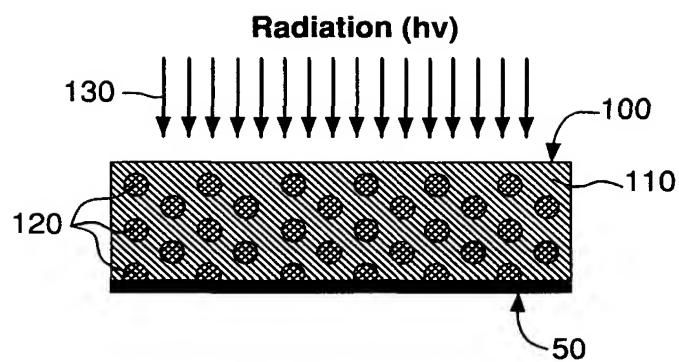


FIG. 1b

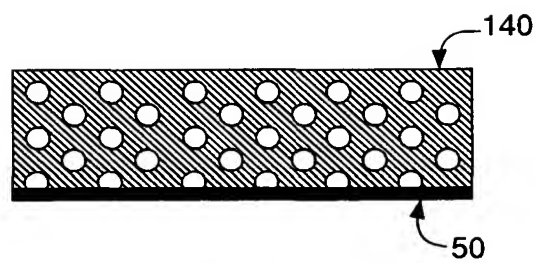


FIG. 1c

2) thin film before (---) and after(\_\_\_\_) UV curing for 10 minutes at 5 millitorr. Note the decrease in absorption near  $2900\text{ cm}^{-1}$  and  $1400\text{ cm}^{-1}$ , regions arising from C-H and C=C stretching, respectively.

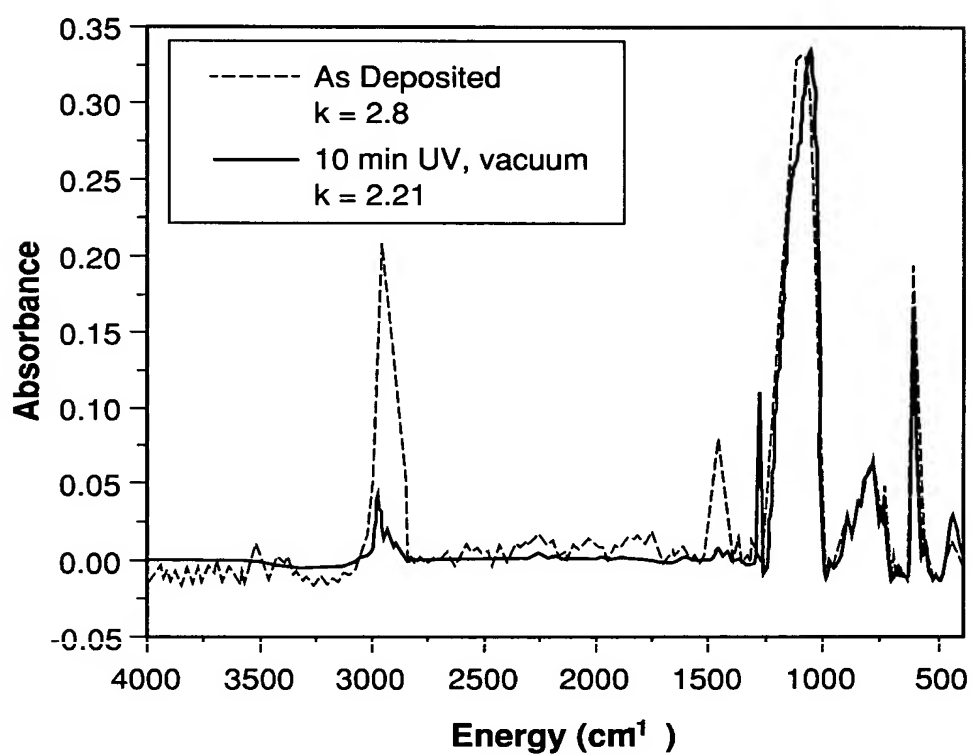


FIG. 2

3) Thin film before (---) and after (—) UV curing for 5 minutes at ambient pressure under air. Note the decrease in absorption between 700-900  $\text{cm}^{-1}$  and the increased absorptions near 3500 and 1600  $\text{cm}^{-1}$ .

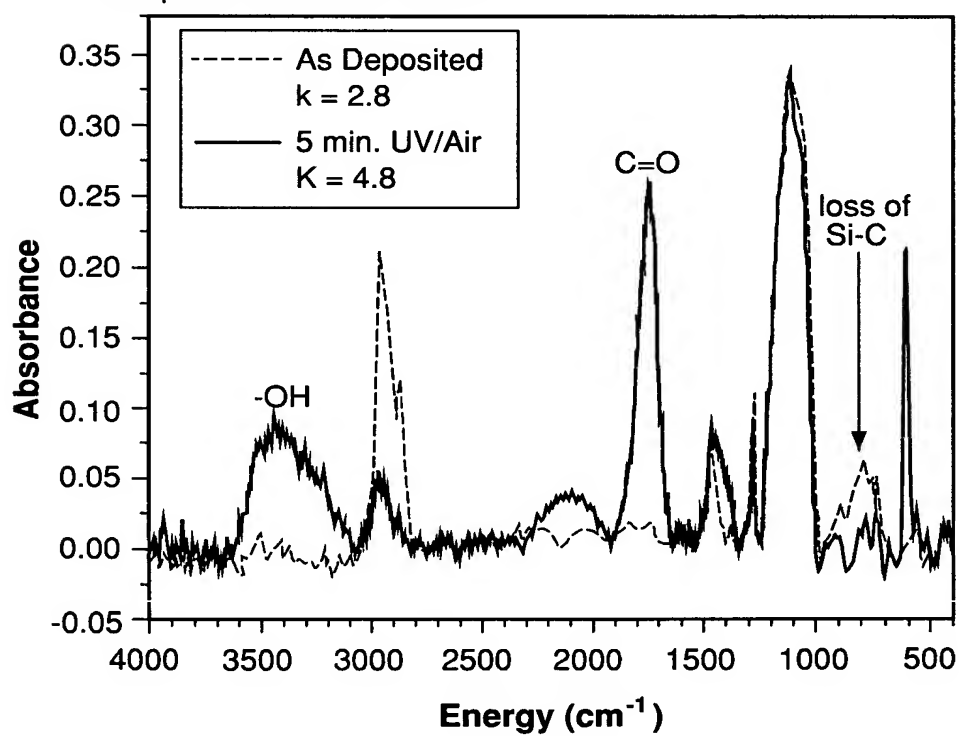
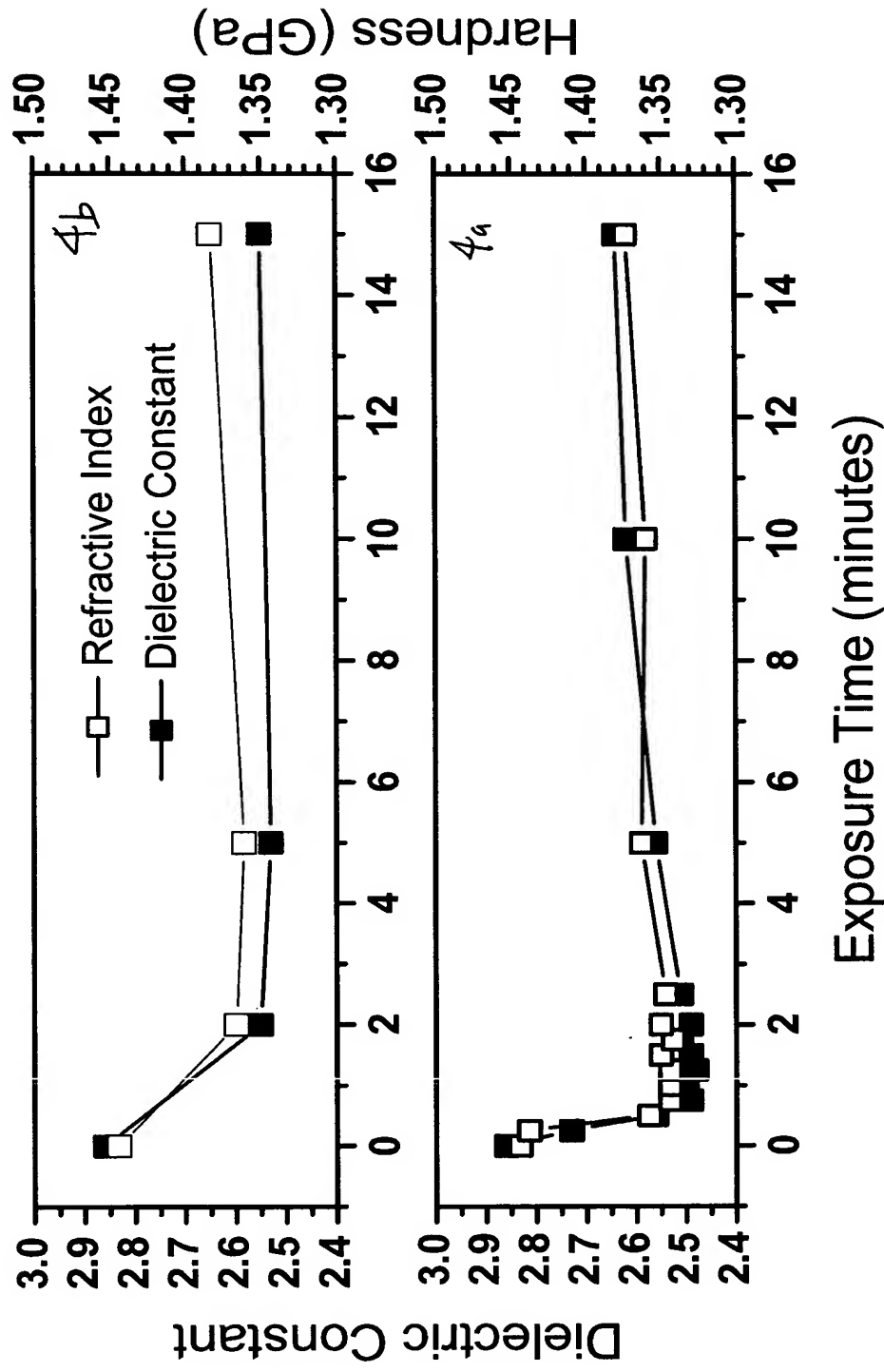


FIG. 3



Figures 4a and 4b

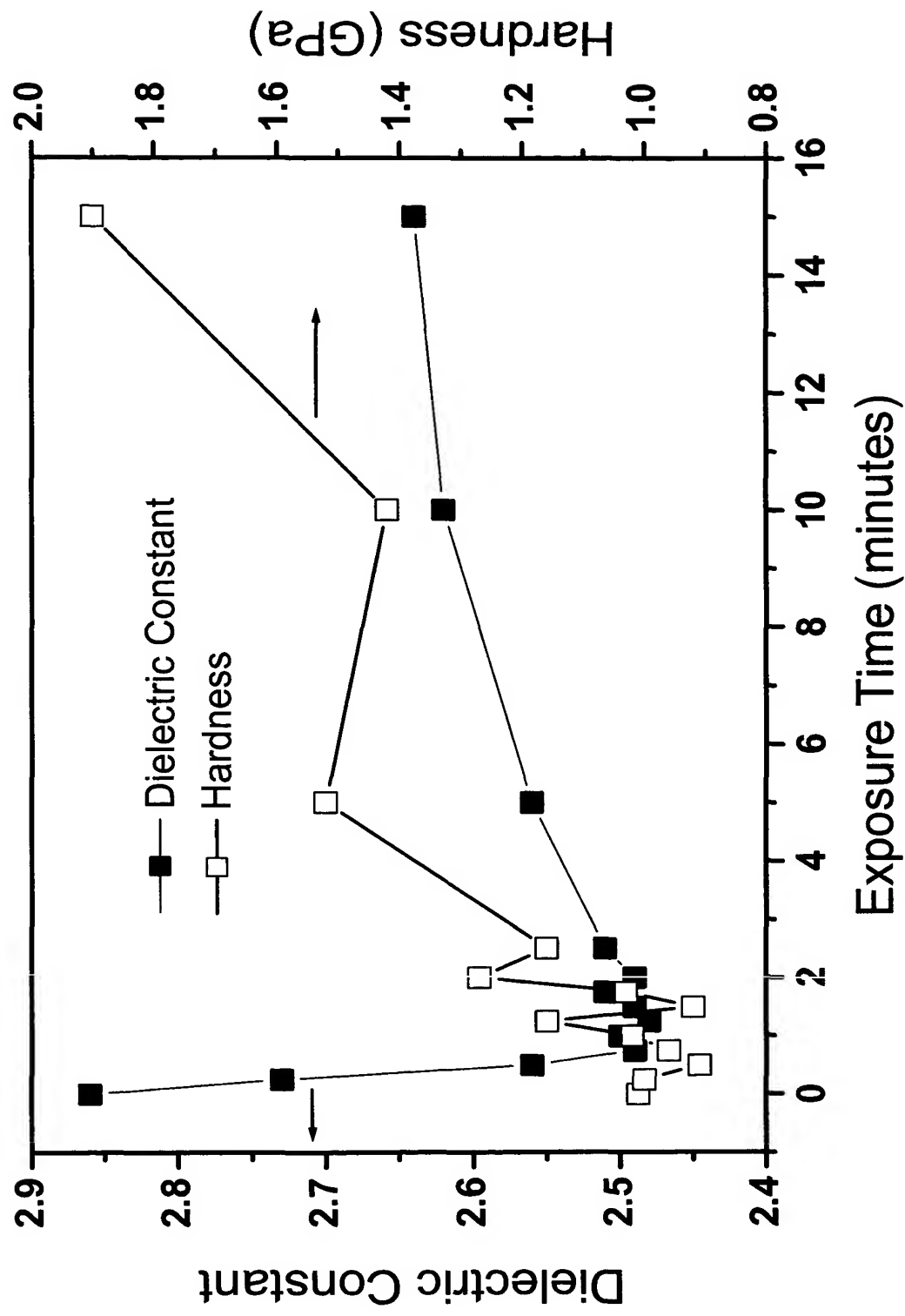


Figure 5

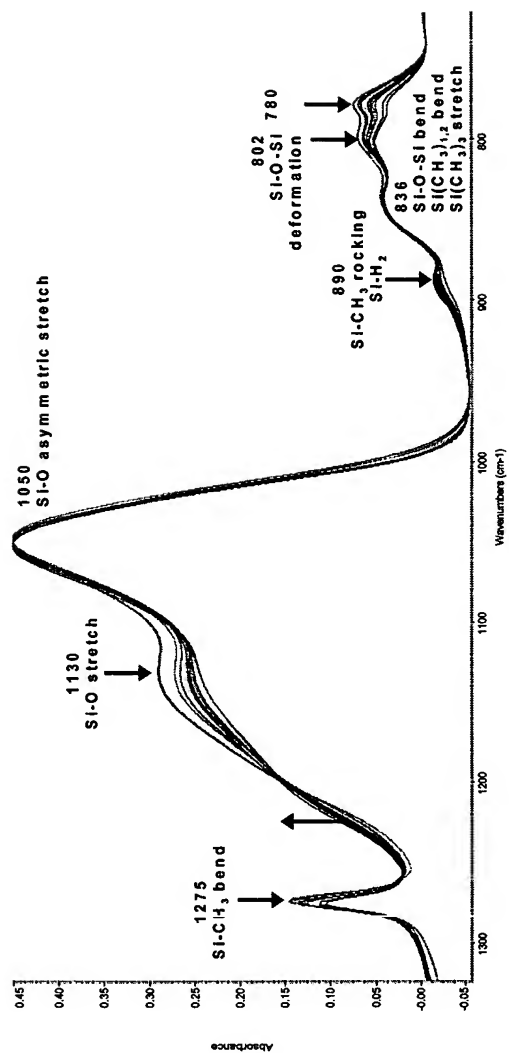


Figure 6

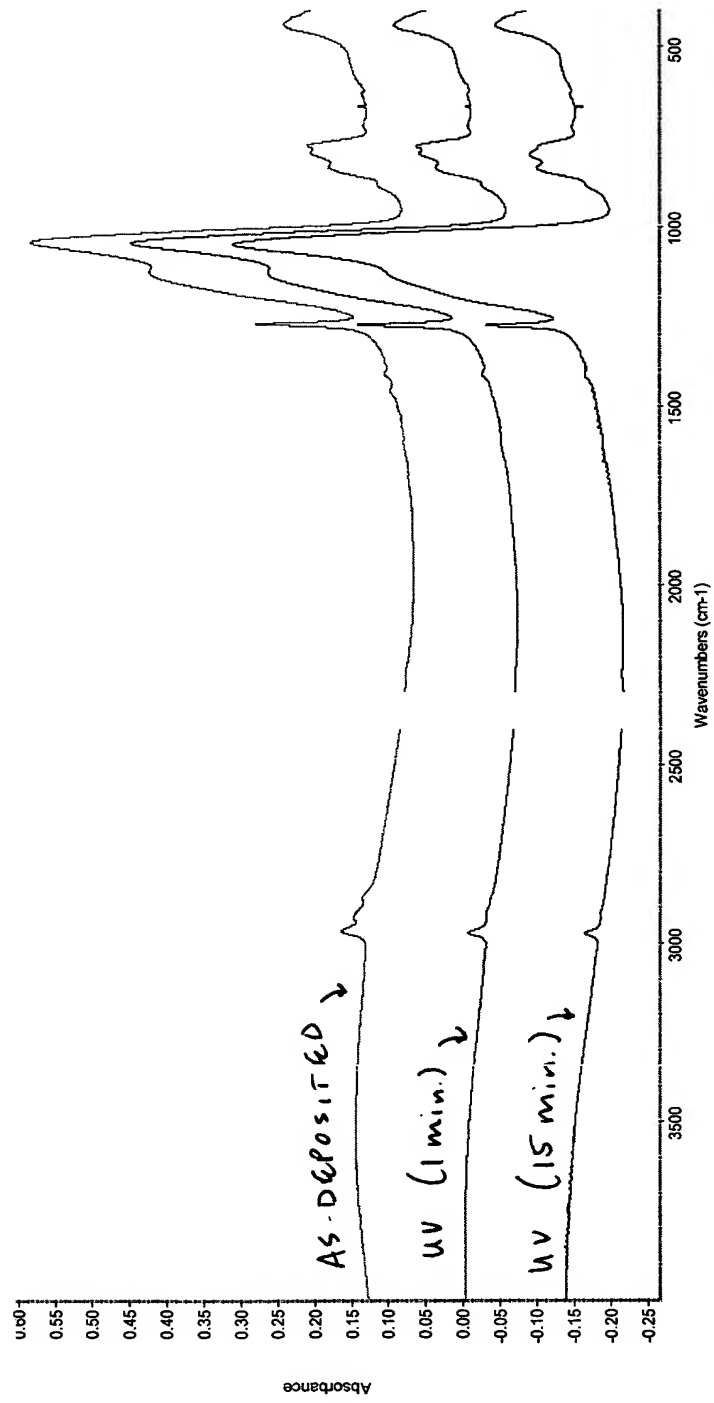


Figure 7

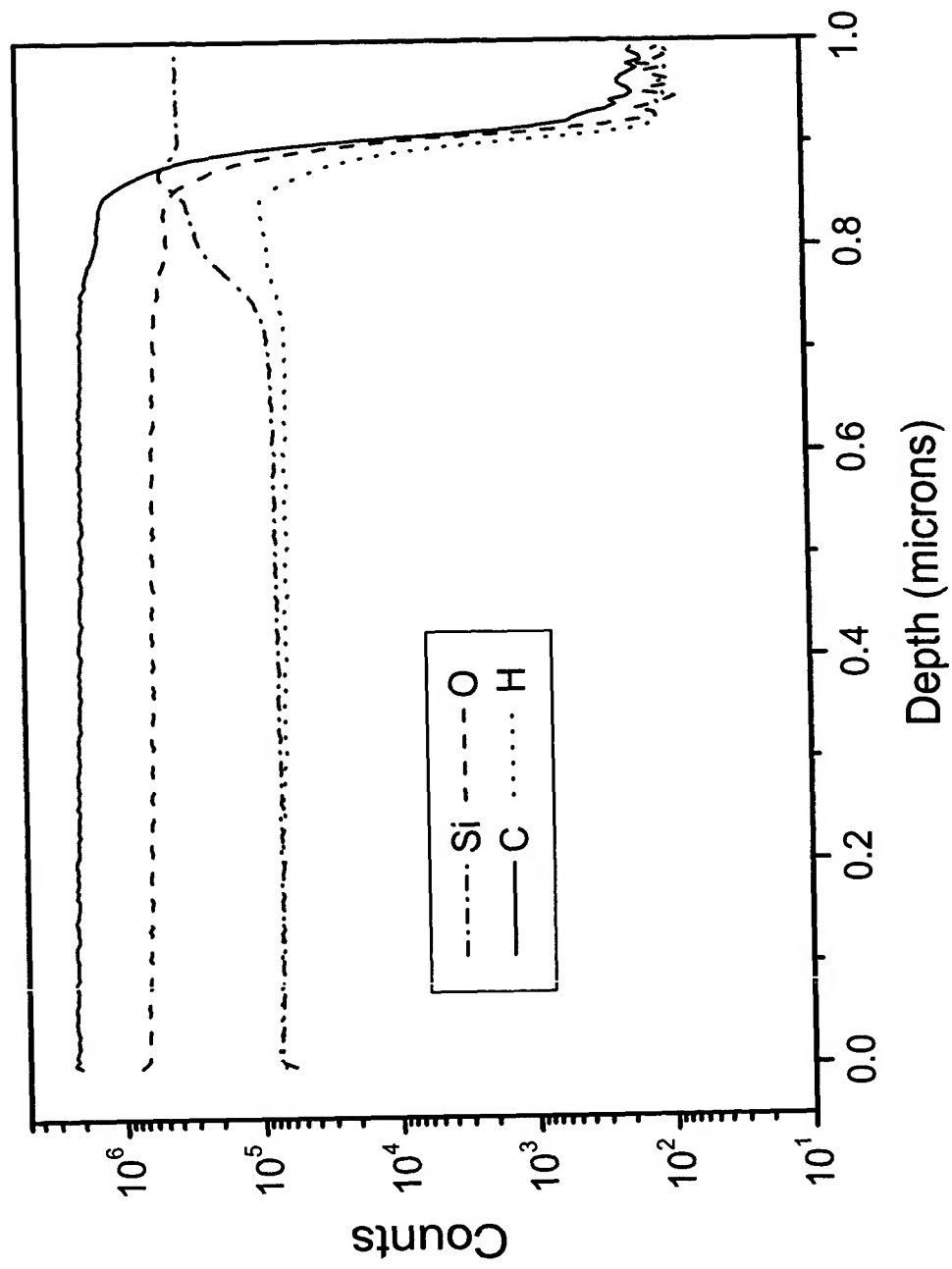


Figure 8a



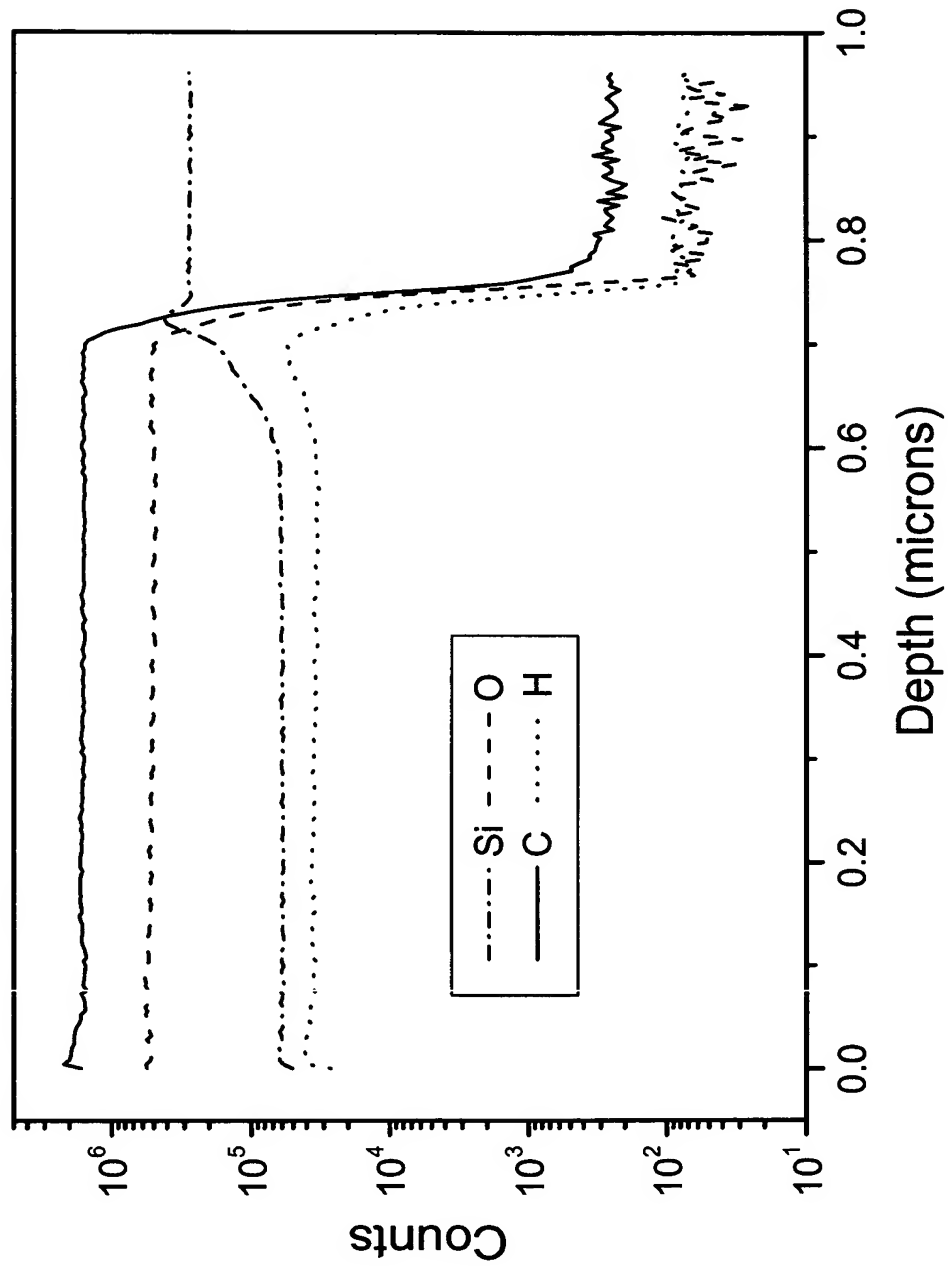


Figure 8b

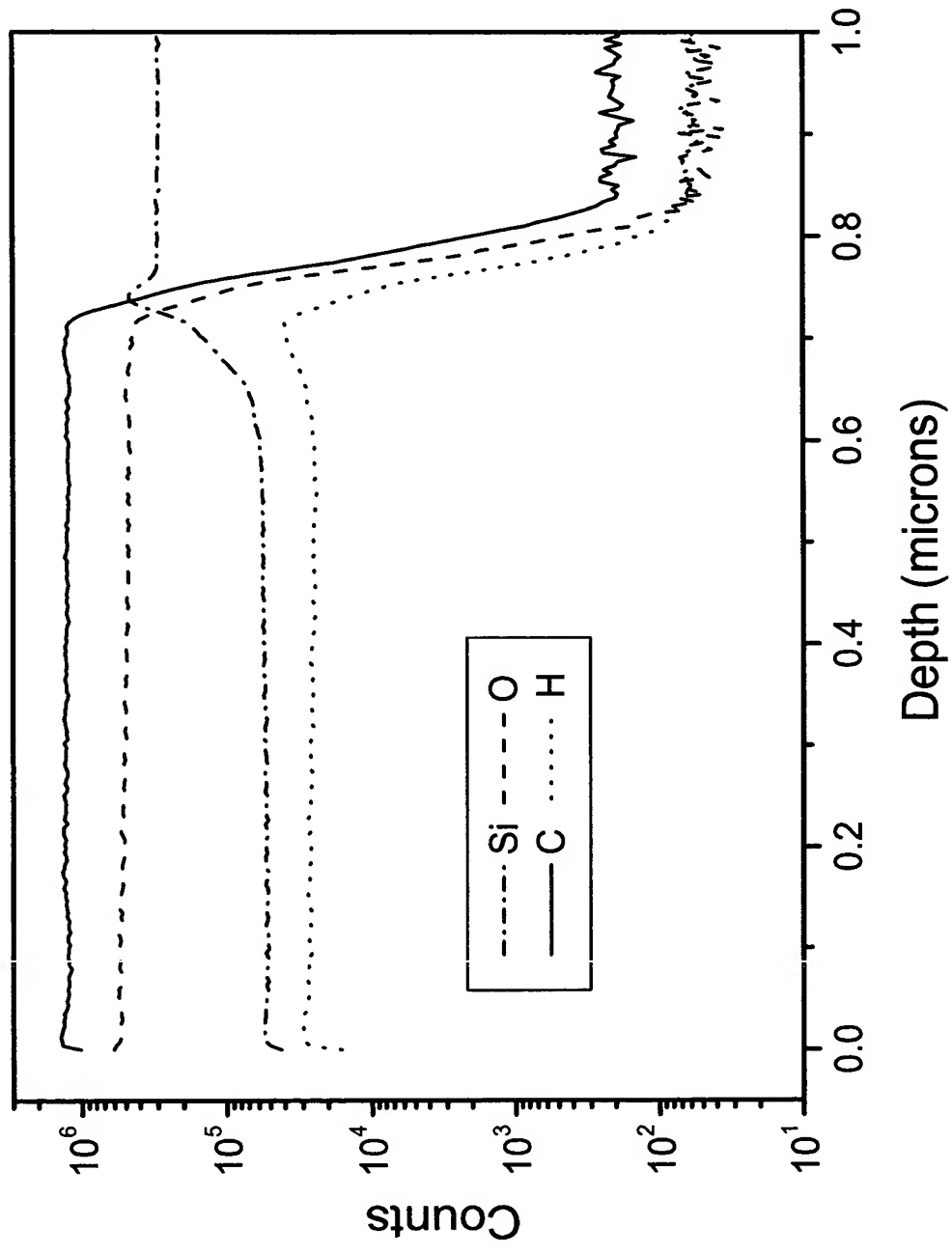


Figure 8c

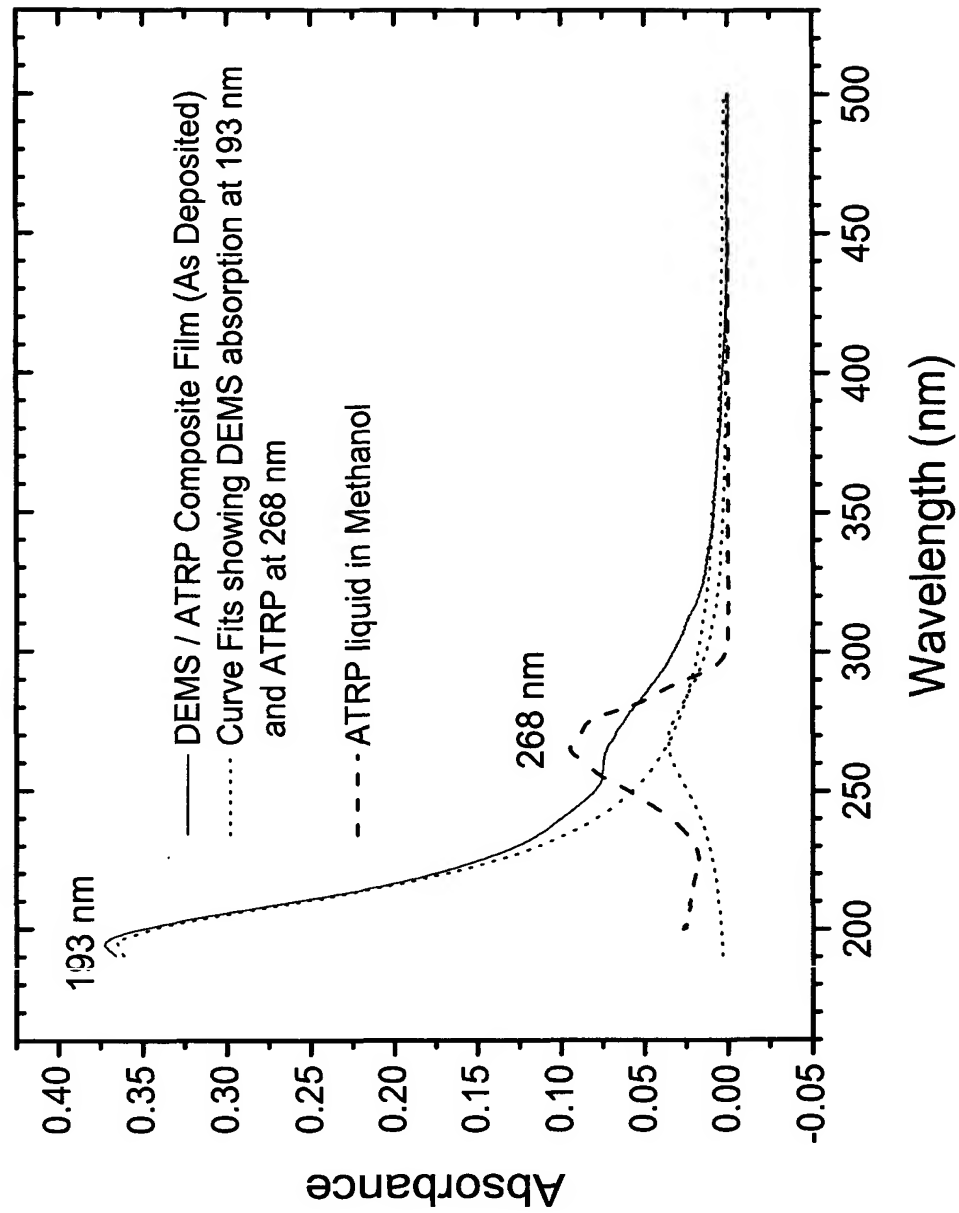


FIGURE 9